BRUHATH BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of the work: Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

Second and Part Bill
Detailed Measurement

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)										
	Desilt										
	Pampa Extension										
	1st Cross Road										
	0.00	30.00		1.00	30.00			0.60	0.55	9.90	
	30.00	39.90		1.00	9.90			0.60	0.55	3.27	
	2nd Cross Road										
	0.00	29.80		1.00	29.80			0.60	0.55	9.83	
	3rd Cross Road										
	0.00	24.10		1.00	24.10			0.60	0.55	7.95	
	4th Cross Road										
	0.00	30.00		1.00	30.00			0.60	0.55	9.90	
	30.00	60.00		1.00	30.00			0.60	0.55	9.90	
	60.00	66.00		1.00	6.00			0.60	0.55	1.98	
	9th Cross Road										
	0.00	30.00		1.00	30.00			0.60	0.55	9.90	
	30.00	60.00		1.00	30.00			0.60	0.55	9.90	
	60.00	90.00		1.00	30.00			0.60	0.55	9.90	
	90.00	92.70		1.00	2.70			0.60	0.55	0.89	
	11th Cross Road										
	0.00	30.00		1.00	30.00			0.60	0.55	9.90	
	30.00	60.00		1.00	30.00			0.60	0.55	9.90	
	60.00	69.50		1.00	9.50			0.60	0.55	3.14	
	12th Cross Road										
	0.00	30.00		1.00	30.00			0.60	0.55	9.90	
	30.00	60.00		1.00	30.00			0.60	0.55	9.90	
	60.00	90.00		1.00	30.00			0.60	0.55	9.90	
	90.00	126.10		1.00	36.10			0.60	0.55	11.91	
	2nd Main Road										
	0.00	30.00		1.00	30.00			0.60	0.55	9.90	
	30.00	60.00		1.00	30.00			0.60	0.55	9.90	
	60.00	68.60		1.00	8.60			0.60	0.55	2.84	
	3rd Main Road										
	0.00	30.00		1.00	30.00			0.60	0.55	9.90	
	30.00	60.00		1.00	30.00			0.60	0.55	9.90	
	60.00	90.00		1.00	30.00			0.60	0.55	9.90	
	90.00	120.00		1.00	30.00			0.60	0.55	9.90	
	120.00	138.80		1.00	18.80			0.60	0.55	6.20	
	4th Main Road										
	0.00	30.00		1.00	30.00			0.60	0.55	9.90	
	30.00	60.00		1.00	30.00			0.60	0.55	9.90	
	60.00	90.00		1.00	30.00			0.60	0.55	9.90	
	90.00	120.00		1.00	30.00			0.60	0.55	9.90	
	120.00	150.00		1.00	30.00			0.60	0.55	9.90	

265.82

Consultant

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division

Bruhat Bangalore Mahanagara Palike

Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	150.00	180.00		1.00	30.00			0.60	0.55	9.90	
	180.00	210.00		1.00	30.00			0.60	0.55	9.90	
	210.00	236.70		1.00	26.70			0.60	0.55	8.81	
	5th Main Road										
	0.00	30.00		1.00	30.00			0.60	0.55	9.90	
	30.00	60.00		1.00	30.00			0.60	0.55	9.90	
	60.00	90.00		1.00	30.00			0.60	0.55	9.90	
	90.00	120.00		1.00	30.00			0.60	0.55	9.90	
	120.00	150.00		1.00	30.00			0.60	0.55	9.90	
	150.00	180.00		1.00	30.00			0.60	0.55	9.90	
	180.00	210.00		1.00	30.00			0.60	0.55	9.90	
	210.00	241.10		1.00	31.10			0.60	0.55	10.26	
								Total		**373.99**	**Cum**

Consultant

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division

Bruhat Bangalore Mahanagara Palike

Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
6	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)										
	Pampa Extension										
	1st Cross Road										
	0.00	30.00		1.00	27.00			1.80		48.60	
	30.00	39.90		1.00	4.90			1.80		8.82	
	2nd Cross Road										
	0.00	29.80		1.00	26.80			1.80		48.24	
	3rd Cross Road										
	0.00	24.10		1.00	19.10			1.80		34.38	
	4th Cross Road										
	0.00	30.00		1.00	25.00			1.80		45.00	
	30.00	60.00		1.00	30.00			1.80		54.00	
	60.00	66.00		1.00	4.00			1.80		7.20	
	9th Cross Road										
	0.00	30.00		1.00	30.00			1.80		54.00	
	30.00	60.00		1.00	24.00			1.80		43.20	
	60.00	90.00		1.00	27.00			1.80		48.60	
	90.00	92.70		1.00	2.70			1.80		4.86	
	11th Cross Road										
	0.00	30.00		1.00	24.00			1.80		43.20	
	30.00	60.00		1.00	23.00			1.80		41.40	
	60.00	69.50		1.00	6.50			1.80		11.70	
	12th Cross Road										
	0.00	30.00		1.00	26.00			1.80		46.80	
	30.00	60.00		1.00	22.00			1.80		39.60	
	60.00	90.00		1.00	25.00			1.80		45.00	
	90.00	126.10		1.00	33.10			1.80		59.58	
	2nd Main Road										
	0.00	30.00		1.00	25.00			1.80		45.00	
	30.00	60.00		1.00	27.00			1.80		48.60	
	60.00	68.60		1.00	6.60			1.80		11.88	
	3rd Main Road										
	0.00	30.00		1.00	27.00			1.80		48.60	
	30.00	60.00		1.00	26.00			1.80		46.80	
	60.00	90.00		1.00	30.00			1.80		54.00	
	90.00	120.00		1.00	27.00			1.80		48.60	
	120.00	138.80		1.00	16.30			1.80		29.34	
	4th Main Road										
	0.00	30.00		1.00	26.00			1.80		46.80	
	30.00	60.00		1.00	26.00			1.80		46.80	
	60.00	90.00		1.00	27.00			1.80		48.60	
	90.00	120.00		1.00	28.00			1.80		50.40	
	120.00	150.00		1.00	26.00			1.80		46.80	
	150.00	180.00		1.00	27.00			1.80		48.60	
	180.00	210.00		1.00	28.00			1.80		50.40	
	210.00	236.70		1.00	23.70			1.80		42.66	
	5th Main Road										

1398.06

TEJUS CONSULTANTS
Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. * BANGALORE *

Assistant Engineer
AE(Ldg)

Assistant Executive Engineer

Kodigehalli
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

1398.06

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	0.00	30.00		1.00	26.00			1.80		46.80	
	30.00	60.00		1.00	27.00			1.80		48.60	
	60.00	90.00		1.00	25.00			1.80		45.00	
	90.00	120.00		1.00	26.00			1.80		46.80	
	120.00	150.00		1.00	27.00			1.80		48.60	
	150.00	180.00		1.00	28.00			1.80		50.40	
	180.00	210.00		1.00	26.00			1.80		46.80	
	210.00	241.10		1.00	31.10			1.80		55.98	
								Total		893.52	cum

1787.04

NDD
AE(W4)
9/5

Consultant

Assistant Engineer
AE(W4)

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
7	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)										
	Pampa Extension										
	1st Cross Road										
	0.00	30.00		1.00	3.00			1.80		5.40	
	30.00	39.90		1.00	5.00			1.80		9.00	
	2nd Cross Road										
	0.00	29.80		1.00	3.00			1.80		5.40	
	3rd Cross Road										
	0.00	24.10		1.00	5.00			1.80		9.00	
	4th Cross Road										
	0.00	30.00		1.00	5.00			1.80		9.00	
	30.00	60.00		1.00	0.00			1.80		0.00	
	60.00	66.00		1.00	2.00			1.80		3.60	
	9th Cross Road										
	0.00	30.00		1.00	0.00			1.80		0.00	
	30.00	60.00		1.00	6.00			1.80		10.80	
	60.00	90.00		1.00	3.00			1.80		5.40	
	90.00	92.70		1.00	0.00			1.80		0.00	
	11th Cross Road										
	0.00	30.00		1.00	6.00			1.80		10.80	
	30.00	60.00		1.00	7.00			1.80		12.60	
	60.00	69.50		1.00	3.00			1.80		5.40	
	12th Cross Road										
	0.00	30.00		1.00	4.00			1.80		7.20	
	30.00	60.00		1.00	8.00			1.80		14.40	
	60.00	90.00		1.00	5.00			1.80		9.00	
	90.00	126.10		1.00	3.00			1.80		5.40	
	2nd Main Road										
	0.00	30.00		1.00	5.00			1.80		9.00	
	30.00	60.00		1.00	3.00			1.80		5.40	
	60.00	68.60		1.00	2.00			1.80		3.60	
	3rd Main Road										
	0.00	30.00		1.00	3.00			1.80		5.40	
	30.00	60.00		1.00	4.00			1.80		7.20	
	60.00	90.00		1.00	0.00			1.80		0.00	
	90.00	120.00		1.00	3.00			1.80		5.40	
	120.00	138.80		1.00	2.50			1.80		4.50	
	4th Main Road										
	0.00	30.00		1.00	4.00			1.80		7.20	
	30.00	60.00		1.00	4.00			1.80		7.20	
	60.00	90.00		1.00	3.00			1.80		5.40	
	90.00	120.00		1.00	2.00			1.80		3.60	
	120.00	150.00		1.00	4.00			1.80		7.20	
	150.00	180.00		1.00	3.00			1.80		5.40	
	180.00	210.00		1.00	2.00			1.80		3.60	
	210.00	236.70		1.00	3.00			1.80		5.40	
	5th Main Road										

207.90

Consultant

Assistant Engineer

AE(Civil)

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bengalore Mahanagara Palike
Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

207.90

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	0.00	30.00		1.00	4.00			1.80		7.20	
	30.00	60.00		1.00	3.00			1.80		5.40	
	60.00	90.00		1.00	5.00			1.80		9.00	
	90.00	120.00		1.00	4.00			1.80		7.20	
	120.00	150.00		1.00	3.00			1.80		5.40	
	150.00	180.00		1.00	2.00			1.80		3.60	cente line
	180.00	210.00		1.00	4.00			1.80		7.20	
	210.00	241.10		1.00	0.00			1.80		0.00	10/5
								Total		**252.90**	**Sqm**

NDD 10/5

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore -560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
22	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)										
	Road Portion										
	Bad Reaches										
	Pampa Extension										
	1st Cross Road										
	0.00	30.00		1.00	1.80			1.50	0.23	0.62	
	30.00	39.90		1.00	1.50			1.40	0.23	0.48	
	2nd Cross Road										
	0.00	29.80		1.00	1.30			1.50	0.23	0.45	
	3rd Cross Road										
	0.00	24.10		1.00	1.50			1.00	0.23	0.35	
	4th Cross Road										
	0.00	30.00		1.00	1.50			1.30	0.23	0.45	
	30.00	60.00		1.00	1.10			1.20	0.23	0.30	
	60.00	66.00		1.00	1.50			1.10	0.23	0.38	
	9th Cross Road										
	0.00	30.00		1.00	2.00			1.30	0.23	0.60	
	30.00	60.00		1.00	1.20			1.20	0.23	0.33	
	60.00	90.00		1.00	1.00			1.10	0.23	0.25	
	90.00	92.70		1.00	1.30			1.20	0.23	0.36	
	11th Cross Road										
	0.00	30.00		1.00	1.80			1.70	0.23	0.70	
	30.00	60.00		1.00	1.50			1.25	0.23	0.43	
	60.00	69.50		1.00	1.15			1.30	0.23	0.34	
	12th Cross Road										
	0.00	30.00		1.00	1.30			1.00	0.23	0.30	
	30.00	60.00		1.00	2.00			1.30	0.23	0.60	
	60.00	90.00		1.00	1.50			1.80	0.23	0.62	
	90.00	126.10		1.00	1.90			1.30	0.23	0.57	
	2nd Main Road										
	0.00	30.00		1.00	1.20			2.00	0.23	0.55	
	30.00	60.00		1.00	1.50			1.80	0.23	0.62	
	60.00	68.60		1.00	1.70			1.10	0.23	0.43	
	3rd Main Road										
	0.00	30.00		1.00	1.80			2.00	0.23	0.83	
	30.00	60.00		1.00	1.80			1.50	0.23	0.62	
	60.00	90.00		1.00	1.35			1.80	0.23	0.56	
	90.00	120.00		1.00	1.90			1.20	0.23	0.52	
	120.00	138.80		1.00	1.20			1.80	0.23	0.50	
	4th Main Road										
	0.00	30.00		1.00	1.50			1.80	0.23	0.62	
	30.00	60.00		1.00	2.00			2.20	0.23	1.01	
	60.00	90.00		1.00	2.30			1.80	0.23	0.95	
	90.00	120.00		1.00	3.00			1.95	0.23	1.35	

16.70

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer

Assistant Executive Engineer

Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	120.00	150.00		1.00	2.00			1.75	0.23	0.81	
	150.00	180.00		1.00	2.20			1.70	0.23	0.86	
	180.00	210.00		1.00	2.30			1.50	0.23	0.79	
	210.00	236.70		1.00	1.80			1.20	0.23	0.50	
	5th Main Road										
	0.00	30.00		1.00	1.50			1.10	0.23	0.38	
	30.00	60.00		1.00	1.20			1.60	0.23	0.44	
	60.00	90.00		1.00	1.30			1.30	0.23	0.39	
	90.00	120.00		1.00	1.00			1.20	0.23	0.28	
	120.00	150.00		1.00	1.80			1.50	0.23	0.62	
	150.00	180.00		1.00	2.05			1.00	0.23	0.47	
	180.00	210.00		1.00	1.90			1.20	0.23	0.52	
	210.00	241.10		1.00	1.80			1.30	0.23	0.54	
								Total		**23.29**	**Cum**

Clerk

NDD
AE(W)
20/4

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
25	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)										
	Road Portion										
	Bad Reaches										
	Pampa Extension										
	1st Cross Road										
	0.00	30.00		1.00	1.80			1.50	0.23	0.62	
	30.00	39.90		1.00	1.50			1.40	0.23	0.48	
	2nd Cross Road										
	0.00	29.80		1.00	1.30			1.50	0.23	0.45	
	3rd Cross Road										
	0.00	24.10		1.00	1.50			1.00	0.23	0.35	
	4th Cross Road										
	0.00	30.00		1.00	1.50			1.30	0.23	0.45	
	30.00	60.00		1.00	1.10			1.20	0.23	0.30	
	60.00	66.00		1.00	1.50			1.10	0.23	0.38	
	9th Cross Road										
	0.00	30.00		1.00	2.00			1.30	0.23	0.60	
	30.00	60.00		1.00	1.20			1.20	0.23	0.33	
	60.00	90.00		1.00	1.00			1.10	0.23	0.25	
	90.00	92.70		1.00	1.30			1.20	0.23	0.36	
	11th Cross Road										
	0.00	30.00		1.00	1.80			1.70	0.23	0.70	
	30.00	60.00		1.00	1.50			1.25	0.23	0.43	
	60.00	69.50		1.00	1.15			1.30	0.23	0.34	
	12th Cross Road										
	0.00	30.00		1.00	1.30			1.00	0.23	0.30	
	30.00	60.00		1.00	2.00			1.30	0.23	0.60	
	60.00	90.00		1.00	1.50			1.80	0.23	0.62	
	90.00	126.10		1.00	1.90			1.30	0.23	0.57	
	2nd Main Road										
	0.00	30.00		1.00	1.20			2.00	0.23	0.55	
	30.00	60.00		1.00	1.50			1.80	0.23	0.62	
	60.00	68.60		1.00	1.70			1.10	0.23	0.43	
	3rd Main Road										
	0.00	30.00		1.00	1.80			2.00	0.23	0.83	
	30.00	60.00		1.00	1.80			1.50	0.23	0.62	
	60.00	90.00		1.00	1.35			1.80	0.23	0.56	
	90.00	120.00		1.00	1.90			1.20	0.23	0.52	
	120.00	138.80		1.00	1.20			1.80	0.23	0.50	
	4th Main Road										
	0.00	30.00		1.00	1.50			1.80	0.23	0.62	
	30.00	60.00		1.00	2.00			2.20	0.23	1.01	
	60.00	90.00		1.00	2.30			1.80	0.23	0.95	

15.35

TEJUS CONSULTANTS
Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE
Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	90.00	120.00		1.00	3.00			1.95	0.23	1.35	
	120.00	150.00		1.00	2.00			1.75	0.23	0.81	
	150.00	180.00		1.00	2.20			1.70	0.23	0.86	
	180.00	210.00		1.00	2.30			1.50	0.23	0.79	
	210.00	236.70		1.00	1.80			1.20	0.23	0.50	
	5th Main Road										
	0.00	30.00		1.00	1.50			1.10	0.23	0.38	
	30.00	60.00		1.00	1.20			1.60	0.23	0.44	
	60.00	90.00		1.00	1.30			1.30	0.23	0.39	
	90.00	120.00		1.00	1.00			1.20	0.23	0.28	
	120.00	150.00		1.00	1.80			1.50	0.23	0.62	
	150.00	180.00		1.00	2.05			1.00	0.23	0.47	
	180.00	210.00		1.00	1.90			1.20	0.23	0.52	
	210.00	241.10		1.00	1.80			1.30	0.23	0.54	
								Total		**23.29**	Cum

Consultant

Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
26	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)										
	Road Portion										
	Bad Reaches										
	Pampa Extension										
	1st Cross Road										
	0.00	30.00		1.00	1.80			1.50		2.70	
	30.00	39.90		1.00	1.50			1.40		2.10	
	2nd Cross Road										
	0.00	29.80		1.00	1.30			1.50		1.95	
	3rd Cross Road			0.00	0.00			0.00		0.00	
	0.00	24.10		1.00	1.50			1.00		1.50	
	4th Cross Road										
	0.00	30.00		1.00	1.50			1.30		1.95	
	30.00	60.00		1.00	1.10			1.20		1.32	
	60.00	66.00		1.00	1.50			1.10		1.65	
	9th Cross Road										
	0.00	30.00		1.00	2.00			1.30		2.60	
	30.00	60.00		1.00	1.20			1.20		1.44	
	60.00	90.00		1.00	1.00			1.10		1.10	
	90.00	92.70		1.00	1.30			1.20		1.56	
	11th Cross Road										
	0.00	30.00		1.00	1.80			1.70		3.06	
	30.00	60.00		1.00	1.50			1.25		1.88	
	60.00	69.50		1.00	1.15			1.30		1.50	
	12th Cross Road										
	0.00	30.00		1.00	1.30			1.00		1.30	
	30.00	60.00		1.00	2.00			1.30		2.60	
	60.00	90.00		1.00	1.50			1.80		2.70	
	90.00	126.10		1.00	1.90			1.30		2.47	
	2nd Main Road										
	0.00	30.00		1.00	1.20			2.00		2.40	
	30.00	60.00		1.00	1.50			1.80		2.70	
	60.00	68.60		1.00	1.70			1.10		1.87	
	3rd Main Road										
	0.00	30.00		1.00	1.80			2.00		3.60	
	30.00	60.00		1.00	1.80			1.50		2.70	
	60.00	90.00		1.00	1.35			1.80		2.43	
	90.00	120.00		1.00	1.90			1.20		2.28	
	120.00	138.80		1.00	1.20			1.80		2.16	
	4th Main Road										
	0.00	30.00		1.00	1.50			1.80		2.70	
	30.00	60.00		1.00	2.00			2.20		4.40	
	60.00	90.00		1.00	2.30			1.80		4.14	
	90.00	120.00		1.00	3.00			1.95		5.85	
	120.00	150.00		1.00	2.00			1.75		3.50	

TEJUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer

78.10

Assistant Executive Engineer

Bruhat Bangalore Mahanagara Pa
Bangalore - 560 002

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	150.00	180.00		1.00	2.20			1.70		3.74	
	180.00	210.00		1.00	2.30			1.50		3.45	
	210.00	236.70		1.00	1.80			1.20		2.16	
	5th Main Road										
	0.00	30.00		1.00	1.50			1.10		1.65	
	30.00	60.00		1.00	1.20			1.60		1.92	
	60.00	90.00		1.00	1.30			1.30		1.69	
	90.00	120.00		1.00	1.00			1.20		1.20	
	120.00	150.00		1.00	1.80			1.50		2.70	
	150.00	180.00		1.00	2.05			1.00		2.05	
	180.00	210.00		1.00	1.90			1.20		2.28	
	210.00	241.10		1.00	1.80			1.30		2.34	
								Total		101.28	Sqm

76.10

24/4/19

NDD

AE(NT)

24/4

Consultant

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division

Bruhat Bangalore Mahanagara Palike

Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
27	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)										
	Pampa Extension										
	1st Cross Road										
	0.00	30.00		1.00	30.00	4.60	4.60	4.60		138.00	
	30.00	39.90		1.00	9.90	4.60	4.80	4.70		46.53	
	2nd Cross Road										
	0.00	29.80		1.00	29.80	4.60	5.30	4.95		147.51	
	3rd Cross Road										
	0.00	24.10		1.00	24.10	4.50	3.50	4.00		96.40	
	4th Cross Road										
	0.00	30.00		1.00	30.00	5.10	4.80	4.95		148.50	
	30.00	60.00		1.00	30.00	4.80	6.00	5.40		162.00	
	60.00	66.00		1.00	6.00	6.00	6.70	6.35		38.10	
	9th Cross Road										
	0.00	30.00		1.00	30.00	4.40	4.90	4.65		139.50	
	30.00	60.00		1.00	30.00	4.90	5.80	5.35		160.50	
	60.00	92.70		1.00	32.70	5.80	6.30	6.05		197.84	
	11th Cross Road										
	0.00	30.00		1.00	30.00	6.10	6.50	6.30		189.00	
	30.00	60.00		1.00	30.00	6.50	5.10	5.80		174.00	
	60.00	69.50		1.00	9.50	5.10	4.90	5.00		47.50	
	12th Cross Road										
	0.00	30.00		1.00	30.00	5.70	4.80	5.25		157.50	
	30.00	60.00		1.00	30.00	4.80	5.10	4.95		148.50	
	60.00	90.00		1.00	30.00	5.10	6.10	5.60		168.00	
	90.00	126.10		1.00	36.10	6.10	6.10	6.10		220.21	
	2nd Main Road										
	0.00	30.00		1.00	30.00	2.20	3.50	2.85		85.50	
	30.00	60.00		1.00	30.00	3.50	3.40	3.45		103.50	
	60.00	68.60		1.00	8.60	3.40	4.50	3.95		33.97	
	3rd Main Road										
	0.00	30.00		1.00	30.00	3.60	3.50	3.55		106.50	
	30.00	60.00		1.00	30.00	3.50	3.90	3.70		111.00	
	60.00	63.80		1.00	3.80	3.90	3.80	3.85		14.63	
	71.00	90.00		1.00	19.00	3.80	3.40	3.60		68.40	
	90.00	120.00		1.00	30.00	3.40	3.70	3.55		106.50	
	120.00	138.80		1.00	18.80	3.70	3.80	3.75		70.50	
	4th Main Road										
	0.00	30.00		1.00	30.00	4.40	5.00	4.70		141.00	
	30.00	60.00		1.00	30.00	5.00	5.40	5.20		156.00	
	60.00	90.00		1.00	30.00	5.40	4.90	5.15		154.50	
	90.00	120.00		1.00	30.00	4.90	4.90	4.90		147.00	
	120.00	150.00		1.00	30.00	4.90	5.30	5.10		153.00	
	150.00	180.00		1.00	30.00	5.30	4.70	5.00		150.00	
	180.00	210.00		1.00	30.00	4.70	5.70	5.20		156.00	

4137.59

TEJUS CONSULTANTS
Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer
AE(W2)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

4137.59

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	210.00	236.70		1.00	26.70	5.70	5.20	5.45		145.52	
	5th Main Road										
	0.00	30.00		1.00	30.00	3.60	5.10	4.35		130.50	
	30.00	60.00		1.00	30.00	5.10	4.40	4.75		142.50	
	60.00	90.00		1.00	30.00	4.40	5.20	4.80		144.00	
	90.00	120.00		1.00	30.00	5.20	4.80	5.00		150.00	
	120.00	150.00		1.00	30.00	4.80	5.10	4.95		148.50	
	150.00	180.00		1.00	30.00	5.10	4.50	4.80		144.00	
	180.00	210.00		1.00	30.00	4.50	3.30	3.90		117.00	
	210.00	241.10		1.00	31.10	3.30	3.50	3.40		105.74	
	2nd Main Road (durgaparameshwari Temple Road)										
	0.00	30.00		1.00	30.00	4.00	4.90	4.45		133.50	
	30.00	60.00		1.00	30.00	4.90	5.20	5.05		151.50	
	60.00	90.00		1.00	30.00	5.20	6.00	5.60		168.00	
	90.00	99.20		1.00	9.20	6.00	6.20	6.10		56.12	
	1st C Cross (KVJ Road)										
	0.00	10.80		1.00	10.80	5.20	5.00	5.10		55.08	
	1st B Cross (KVJ Road)										
	0.00	15.00		1.00	15.00	4.10	2.70	3.40		51.00	
	15.00	30.00		1.00	15.00	2.70	3.80	3.25		48.75	
	30.00	35.10		1.00	5.10	3.80	4.00	3.90		19.89	
	1st A Cross (KVJ Road)										
	0.00	15.00		1.00	15.00	3.90	3.60	3.75		56.25	
	15.00	30.00		1.00	15.00	3.60	3.80	3.70		55.50	
	30.00	35.10		1.00	5.10	3.80	3.90	3.85		19.64	
									Deduct Prime Coat	-101.28	
									Total	6079.29	Sqm

Clerk 25/4/19

NAD AE(NS) 25/4

TEJUS CONSULTANTS Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer AE(NS)

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike
Bytarayanapura Division

Job Code :-
Name of Agency :- Benaka Developers & Project Pvt.Ltd.
Bill No :-2nd & Part Bill
Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
28	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)										
	Pampa Extension										
	1st Cross Road										
	0.00	30.00		1.00	30.00	4.60	4.60	4.60		138.00	
	30.00	39.90		1.00	9.90	4.60	4.80	4.70		46.53	
	2nd Cross Road										
	0.00	29.80		1.00	29.80	4.60	5.30	4.95		147.51	
	3rd Cross Road										
	0.00	24.10		1.00	24.10	4.50	3.50	4.00		96.40	
	4th Cross Road										
	0.00	30.00		1.00	30.00	5.10	4.80	4.95		148.50	
	30.00	60.00		1.00	30.00	4.80	6.00	5.40		162.00	
	60.00	66.00		1.00	6.00	6.00	6.70	6.35		38.10	
	9th Cross Road										
	0.00	30.00		1.00	30.00	4.40	4.90	4.65		139.50	
	30.00	60.00		1.00	30.00	4.90	5.80	5.35		160.50	
	60.00	92.70		1.00	32.70	5.80	6.30	6.05		197.84	
	11th Cross Road										
	0.00	30.00		1.00	30.00	6.10	6.50	6.30		189.00	
	30.00	60.00		1.00	30.00	6.50	5.10	5.80		174.00	
	60.00	69.50		1.00	9.50	5.10	4.90	5.00		47.50	
	12th Cross Road										
	0.00	30.00		1.00	30.00	5.70	4.80	5.25		157.50	
	30.00	60.00		1.00	30.00	4.80	5.10	4.95		148.50	
	60.00	90.00		1.00	30.00	5.10	6.10	5.60		168.00	
	90.00	126.10		1.00	36.10	6.10	6.10	6.10		220.21	
	2nd Main Road										
	0.00	30.00		1.00	30.00	2.20	3.50	2.85		85.50	
	30.00	60.00		1.00	30.00	3.50	3.40	3.45		103.50	
	60.00	68.60		1.00	8.60	3.40	4.50	3.95		33.97	
	3rd Main Road										
	0.00	30.00		1.00	30.00	3.60	3.50	3.55		106.50	
	30.00	60.00		1.00	30.00	3.50	3.90	3.70		111.00	
	60.00	63.80		1.00	3.80	3.90	3.80	3.85		14.63	
	71.00	90.00		1.00	19.00	3.80	3.40	3.60		68.40	
	90.00	120.00		1.00	30.00	3.40	3.70	3.55		106.50	
	120.00	138.80		1.00	18.80	3.70	3.80	3.75		70.50	
	4th Main Road										
	0.00	30.00		1.00	30.00	4.40	5.00	4.70		141.00	
	30.00	60.00		1.00	30.00	5.00	5.40	5.20		156.00	
	60.00	90.00		1.00	30.00	5.40	4.90	5.15		154.50	
	90.00	120.00		1.00	30.00	4.90	4.90	4.90		147.00	
	120.00	150.00		1.00	30.00	4.90	5.30	5.10		153.00	
	150.00	180.00		1.00	30.00	5.30	4.70	5.00		150.00	
	180.00	210.00		1.00	30.00	4.70	5.70	5.20		156.00	

NDD AE(Dy) 25/4

4137.59

Consultant

Assistant Engineer AE(Dy)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Detailed Measurements

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

4137.59

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	210.00	236.70		1.00	26.70	5.70	5.20	5.45		145.52	
	5th Main Road										
	0.00	30.00		1.00	30.00	3.60	5.10	4.35		130.50	
	30.00	60.00		1.00	30.00	5.10	4.40	4.75		142.50	
	60.00	90.00		1.00	30.00	4.40	5.20	4.80		144.00	
	90.00	120.00		1.00	30.00	5.20	4.80	5.00		150.00	
	120.00	150.00		1.00	30.00	4.80	5.10	4.95		148.50	
	150.00	180.00		1.00	30.00	5.10	4.50	4.80		144.00	
	180.00	210.00		1.00	30.00	4.50	3.30	3.90		117.00	
	210.00	241.10		1.00	31.10	3.30	3.50	3.40		105.74	
	2nd Main Road (durgaparameshwari Temple Road)										
	0.00	30.00		1.00	30.00	4.00	4.90	4.45		133.50	
	30.00	60.00		1.00	30.00	4.90	5.20	5.05		151.50	
	60.00	90.00		1.00	30.00	5.20	6.00	5.60		168.00	
	90.00	99.20		1.00	9.20	6.00	6.20	6.10		56.12	
	1st C Cross (KVJ Road)										
	0.00	10.80		1.00	10.80	5.20	5.00	5.10		55.08	
	1st B Cross (KVJ Road)										
	0.00	15.00		1.00	15.00	4.10	2.70	3.40		51.00	
	15.00	30.00		1.00	15.00	2.70	3.80	3.25		48.75	
	30.00	35.10		1.00	5.10	3.80	4.00	3.90		19.89	
	1st A Cross (KVJ Road)										
	0.00	15.00		1.00	15.00	3.90	3.60	3.75		56.25	
	15.00	30.00		1.00	15.00	3.60	3.80	3.70		55.50	
	30.00	35.10		1.00	5.10	3.80	3.90	3.85		19.64	
									Total	**6180.57**	**Sqm**

Checked
26/4

NDD
AE(W)
26/4

Consultant

Assistant Engineer
AE(W)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
30	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)										
	Pampa Extension										
	1st Cross Road										
	0.00	30.00		1.00	30.00	4.60	4.60	4.60	0.04	5.52	
	30.00	39.90		1.00	9.90	4.60	4.80	4.70	0.04	1.86	
	2nd Cross Road										
	0.00	29.80		1.00	29.80	4.60	5.30	4.95	0.04	5.90	
	3rd Cross Road										
	0.00	24.10		1.00	24.10	4.50	3.50	4.00	0.04	3.86	
	4th Cross Road										
	0.00	30.00		1.00	30.00	5.10	4.80	4.95	0.04	5.94	
	30.00	60.00		1.00	30.00	4.80	6.00	5.40	0.04	6.48	
	60.00	66.00		1.00	6.00	6.00	6.70	6.35	0.04	1.52	
	9th Cross Road										
	0.00	30.00		1.00	30.00	4.40	4.90	4.65	0.04	5.58	
	30.00	60.00		1.00	30.00	4.90	5.80	5.35	0.04	6.42	
	60.00	92.70		1.00	32.70	5.80	6.30	6.05	0.04	7.91	
	11th Cross Road										
	0.00	30.00		1.00	30.00	6.10	6.50	6.30	0.04	7.56	
	30.00	60.00		1.00	30.00	6.50	5.10	5.80	0.04	6.96	
	60.00	69.50		1.00	9.50	5.10	4.90	5.00	0.04	1.90	
	12th Cross Road										
	0.00	30.00		1.00	30.00	5.70	4.80	5.25	0.04	6.30	
	30.00	60.00		1.00	30.00	4.80	5.10	4.95	0.04	5.94	
	60.00	90.00		1.00	30.00	5.10	6.10	5.60	0.04	6.72	
	90.00	126.10		1.00	36.10	6.10	6.10	6.10	0.04	8.81	
	2nd Main Road										
	0.00	30.00		1.00	30.00	2.20	3.50	2.85	0.04	3.42	
	30.00	60.00		1.00	30.00	3.50	3.40	3.45	0.04	4.14	
	60.00	68.60		1.00	8.60	3.40	4.50	3.95	0.04	1.36	
	3rd Main Road										
	0.00	30.00		1.00	30.00	3.60	3.50	3.55	0.04	4.26	
	30.00	60.00		1.00	30.00	3.50	3.90	3.70	0.04	4.44	
	60.00	63.80		1.00	3.80	3.90	3.80	3.85	0.04	0.59	
	71.00	90.00		1.00	19.00	3.80	3.40	3.60	0.04	2.74	
	90.00	120.00		1.00	30.00	3.40	3.70	3.55	0.04	4.26	
	120.00	138.80		1.00	18.80	3.70	3.80	3.75	0.04	2.82	
	4th Main Road										
	0.00	30.00		1.00	30.00	4.40	5.00	4.70	0.04	5.64	
	30.00	60.00		1.00	30.00	5.00	5.40	5.20	0.04	6.24	
	60.00	90.00		1.00	30.00	5.40	4.90	5.15	0.04	6.18	

THEIL CONSULTANTS
Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

141.26

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- Benaka Developers & Project Pvt.Ltd.

Bill No :-2nd & Part Bill

Name Of work : -Improvements to Drains of Pampa Extension in Ward No 07 Byatarayanapura

141.26

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	90.00	120.00		1.00	30.00	4.90	4.90	4.90	0.04	5.88	
	120.00	150.00		1.00	30.00	4.90	5.30	5.10	0.04	6.12	
	150.00	180.00		1.00	30.00	5.30	4.70	5.00	0.04	6.00	
	180.00	210.00		1.00	30.00	4.70	5.70	5.20	0.04	6.24	
	210.00	236.70		1.00	26.70	5.70	5.20	5.45	0.04	5.82	
	5th Main Road										
	0.00	30.00		1.00	30.00	3.60	5.10	4.35	0.04	5.22	
	30.00	60.00		1.00	30.00	5.10	4.40	4.75	0.04	5.70	
	60.00	90.00		1.00	30.00	4.40	5.20	4.80	0.04	5.76	
	90.00	120.00		1.00	30.00	5.20	4.80	5.00	0.04	6.00	
	120.00	150.00		1.00	30.00	4.80	5.10	4.95	0.04	5.94	
	150.00	180.00		1.00	30.00	5.10	4.50	4.80	0.04	5.76	
	180.00	210.00		1.00	30.00	4.50	3.30	3.90	0.04	4.68	
	210.00	241.10		1.00	31.10	3.30	3.50	3.40	0.04	4.23	
	2nd Main Road (durgaparameshwari Temple Road)										
	0.00	30.00		1.00	30.00	4.00	4.90	4.45	0.04	5.34	
	30.00	60.00		1.00	30.00	4.90	5.20	5.05	0.04	6.06	
	60.00	90.00		1.00	30.00	5.20	6.00	5.60	0.04	6.72	
	90.00	99.20		1.00	9.20	6.00	6.20	6.10	0.04	2.24	
	1st C Cross (KVJ Road)										
	0.00	10.80		1.00	10.80	5.20	5.00	5.10	0.04	2.20	
	1st B Cross (KVJ Road)										
	0.00	15.00		1.00	15.00	4.10	2.70	3.40	0.04	2.04	
	15.00	30.00		1.00	15.00	2.70	3.80	3.25	0.04	1.95	
	30.00	35.10		1.00	5.10	3.80	4.00	3.90	0.04	0.80	
	1st A Cross (KVJ Road)										
	0.00	15.00		1.00	15.00	3.90	3.60	3.75	0.04	2.25	
	15.00	30.00		1.00	15.00	3.60	3.80	3.70	0.04	2.22	
	30.00	35.10		1.00	5.10	3.80	3.90	3.85	0.04	0.79	
								Total		**247.22**	**Cum**

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092